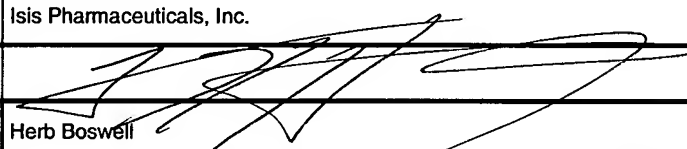
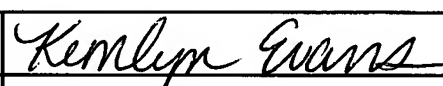


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TRANSMITTAL FORM MAY 04 2007 (to be used for all correspondence after initial filing)	Application Number	10/080,074	
	Filing Date	02/21/2002	
	First Named Inventor	Kuei-Ying Lin	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	7	Attorney Docket Number	GLIS-0144

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Correction
Remarks		
<div style="text-align: right;">Certificate of Correction MAY 08 2007</div>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Isis Pharmaceuticals, Inc.	
Signature		
Printed name	Herb Boswell	
Date	5/1/2007	Reg. No. 27,311

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
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Typed or printed name	Kemlyn Evans	Date 5/1/2007

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CERTIFICATE OF CORRECTION

Page 1 of 6

PATENT NO. : RE39,324

APPLICATION NO.: 10/080,074

ISSUE DATE : 10/03/2006

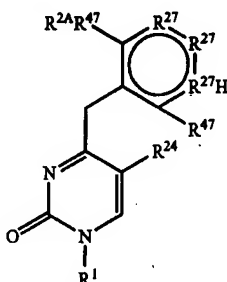
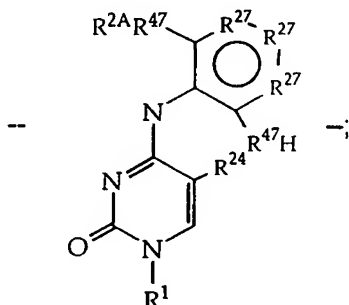
INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Column 76, Claim 1, lines 59-60, please delete "-C(C₁₋₈alkyl)=" and insert therefor -- -C(C₁-C₈ alkyl)=--;

2) Column 78, Claim 3, line 13, please delete "-CH)-" and insert therefor -- -CH --;

3) Column 79, Claim 11, please delete structure 104 "



" and insert therefor

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1896 Rutherford Rd.
Carlsbad, CA 92008

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 6

PATENT NO. : RE39,324

APPLICATION NO.: 10/080,074

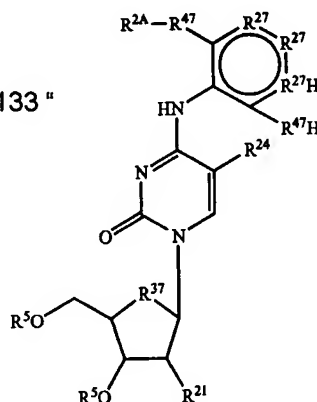
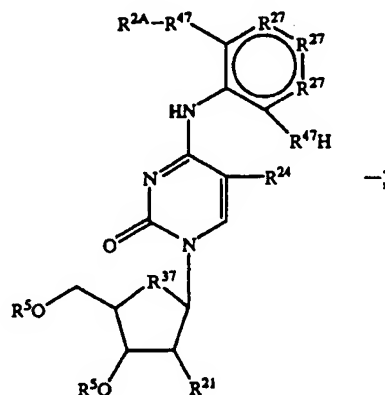
ISSUE DATE : 10/03/2006

INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

4) Column 79, Claim 11, please delete structure 133 "

" and insert therefor



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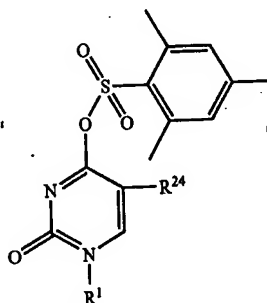
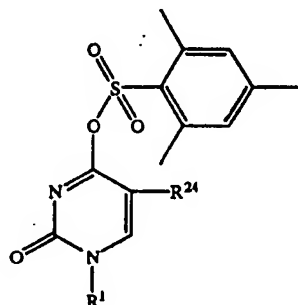
Page 3 of 6

PATENT NO. : RE39,324
 APPLICATION NO.: 10/080,074
 ISSUE DATE : 10/03/2006
 INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

5) Column 79, Claim 11, please delete structure 111 "

" and insert therefor



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PATENT NO. : RE39,324

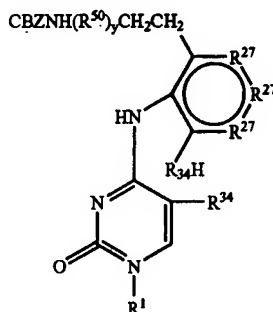
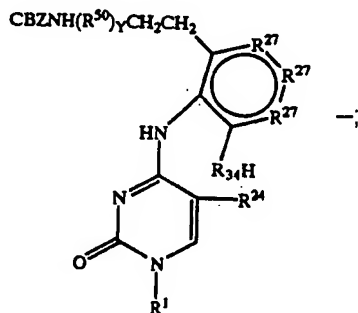
APPLICATION NO.: 10/080,074

ISSUE DATE : 10/03/2006

INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

6) Column 80, Claim 11, please delete structure 112 "



" and insert therefor

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Page 5 of 6

PATENT NO. : RE39,324

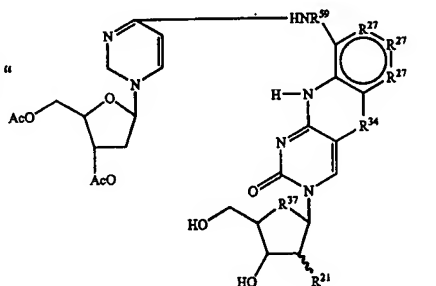
APPLICATION NO.: 10/080,074

ISSUE DATE : 10/03/2006

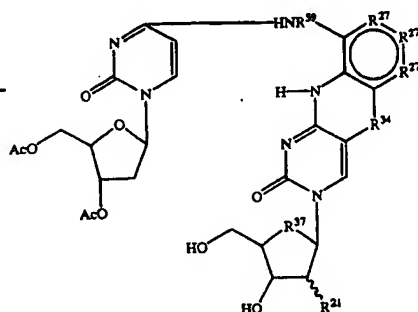
INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

7) Column 82, Claim 11, please delete structure 126 "



and insert therefor --



8) Column 83, Claim 11, line 38, please delete "-C(C₂C₅)-" and insert therefor --C(C₂H₅)- --;

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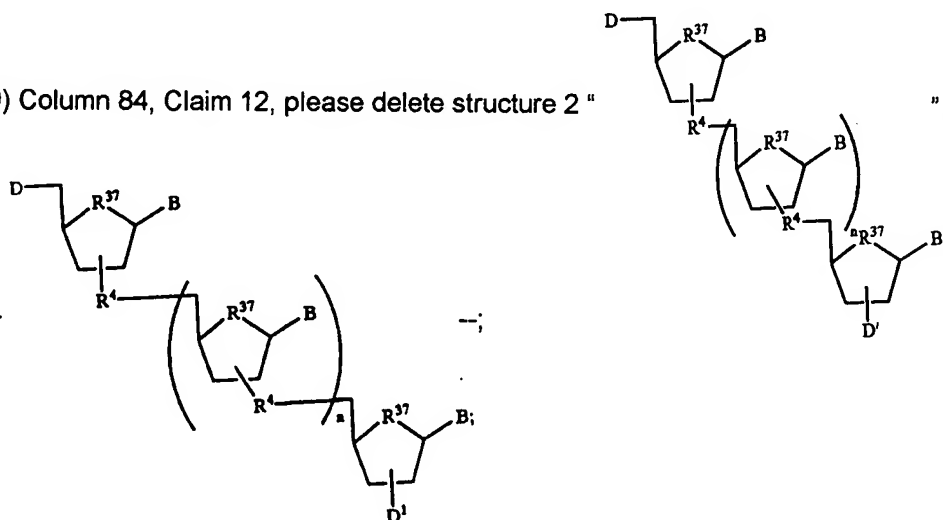
Page 6 of 6

PATENT NO. : RE39,324
APPLICATION NO.: 10/080,074
ISSUE DATE : 10/03/2006
INVENTOR(S) : Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

9) Column 84, Claim 12, please delete structure 2 "

" and insert therefor



10) Column 84, Claim 13, line 65, please delete "optically" and insert therefor --optionally--;

11) Column 86, Claim 14, line 41, please delete "hydroxy;" and insert therefor --hydroxyl;--;

12) Column 87, Claim 19, lines 16-17, please delete "-O-(CH₂)_r-O-(CH₂)_r-O-(CH₂)_r-R⁶⁵," and insert therefor --O-(CH₂)_r-O-(CH₂)_r-O-(CH₂)_r-R⁶⁵, --.

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